

L Number	Hits	Search Text	DB	Time stamp
1	405321	(enter\$3 or approach\$3 or within) near3 (area or region or space)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:08
6	499730	(report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)	USPAT; EPO; JPO; DERWENT	2003/05/21 06:42
11	4270	((enter\$3 or approach\$3 or within) near3 (area or region or space)) and ((report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)) and (UWB or ultra or impulse)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:08
16	39	((enter\$3 or approach\$3 or within) near3 (area or region or space)) and ((report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)) and (UWB or ultra or impulse) and (ultra adj wideband)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:09
21	221	((enter\$3 or approach\$3 or within) near3 (area or region or space)) and ((report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)) and (UWB or ultra or impulse) and impulse and (correlat\$3 near2 (information or data))	USPAT; EPO; JPO; DERWENT	2003/05/21 07:37
26	46144	(enter\$3 or approach\$3 or within) near3 (door or entrance or gate)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:09
31	355	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)) and (UWB or ultra or impulse)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:09
36	6	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((report\$3 or result\$3 or obtain\$3) near4 (information or data or identification or ID)) and (UWB or ultra or impulse) and (ultra adj wideband)	USPAT; EPO; JPO; DERWENT	2003/05/21 08:14
41	2	("5519400").PN.	USPAT; EPO; JPO; DERWENT	2003/05/21 09:03
46	3206	(input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:07
51	0	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and UWB	USPAT; EPO; JPO; DERWENT	2003/05/21 09:07
56	0	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and (ultra adj wideband)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:07
61	2	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and impulse	USPAT; EPO; JPO; DERWENT	2003/05/21 09:11
66	11	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and (tag or transponder)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:21
71	8	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and (tag or transponder) and (radar or radio or RF)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:31
76	370639	(determin\$3 or defin\$3) near4 (location or position)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:41
81	2	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and (tag or transponder) and (radar or radio or RF) and ((determin\$3 or defin\$3) near4 (location or position))	USPAT; EPO; JPO; DERWENT	2003/05/21 09:33
86	2	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((input\$4 or enter\$3) near5 (information or data) near3 (attendant or guest or person)) and ((determin\$3 or defin\$3) near4 (location or position)) and (tag or transponder)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:41
91	239	((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((determin\$3 or defin\$3) near4 (location or position)) and (tag or transponder)	USPAT; EPO; JPO; DERWENT	2003/05/21 09:42

96	21	(((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((determin\$3 or defin\$3) near4 (location or position)) and (tag or transponder)) and attendant	USPAT; EPO; JPO; DERWENT	2003/05/21 09:47
101	30	(((enter\$3 or approach\$3 or within) near3 (door or entrance or gate)) and ((determin\$3 or defin\$3) near4 (location or position)) and (tag or transponder)) and authori\$4	USPAT; EPO; JPO; DERWENT	2003/05/21 09:47

US 5933079 A	Signal discriminator a	340/572.4	340/573.1; 340/825.36; 340/825
US 6556621 B1	System for fast lock a	375/150	375/256; 375/325; 375/367; 37
US 6539213 B1	System and method f	455/226.3	455/522; 455/69
US 6529568 B1	Method and system fo	375/346	370/286
US 6526352 B1	Method and arrangem	701/213	342/357.13; 701/200; 701/208;
US 6512455 B2	System and method f	40/572.1	340/539.1; 340/573.1; 340/573.
US 6504483 B1	System and method f	40/573.3	340/573.1; 340/573.4
US 6493878 B1	Method and apparatu	725/144	725/151
US 6492906 B1	System and method u	340/573.4	340/573.1
US 6492904 B2	Method and system fo	340/539.1	340/572.2; 340/572.4
US 6489893 B1	System and method f	40/573.4	340/573.1
US 6469628 B1	System and method f	40/573.3	340/539.1; 340/573.4
US 6466125 B1	System and method u	340/573.4	340/573.1
US 6405132 B1	Accident avoidance sy	701/301	701/117; 701/213; 701/45
US 6388609 B2	Radar devices for low	342/27	340/565; 340/567; 342/114; 34
US 6377389 B1	Optical signal varying	359/334	359/337
US 6370475 B1	Accident avoidance sy	701/301	340/436; 342/357.08; 701/215
US 6300903 B1	System and method f	42/450	342/357.06; 342/457; 342/463
US 6279173 B1	Devices and methods	4/213	
US 6266518 B1	Method and system fo	455/118	455/113
US 6250601 B1	Advanced touchless p	251/129.044	623
US 6206340 B1	Radar devices for low	251/129.043	42/27; 342/28; 4/304; 4/305;
US 6067673 A	Bathroom fixture using	4/623	4/313
US 6061551 A	Method and system fo	455/118	455/313; 455/323; 455/324
US 5991477 A	Optical transmission s	385/24	398/202
US 5952954 A	Ground penetrating ra	342/22	342/159
US 5920278 A	Method and apparatu	342/33	342/140; 342/36; 342/40; 342/4
US 5909297 A	Drift compensating cir	398/198	398/32; 398/34
US 5896217 A	Optical transmission s	398/202	398/1; 398/155; 398/76
US 5886662 A	Method and apparatu	342/25	342/192; 342/197; 342/22
US 5870213 A	Optical transmission s	398/98	370/537; 398/147; 398/155
US 5815294 A	Optical transmission s	398/158	398/160; 398/162; 398/34
US 5805098 A	Method and system fo	342/25	342/179; 342/197
US 5767913 A	Mapping system for p	375/240.183	48/473; 348/484
US 5760937 A	Optical demultiplexer	398/98	398/147; 398/155
US 5754322 A	Optical transmission s	398/98	398/147; 398/199
US 5717510 A	Optimized optical tran	398/199	398/147; 398/162; 398/180; 39
US 5486833 A	Active signalling syste	342/204	342/21; 342/22; 342/83
US 5235857 A	Real time 3D imaging	73/625	73/626

.49; 342/457; 342/458; 342/46; 342/463; 342/47; 455/524; 701/25
5/368

701/210
3; 340/573.4

2/204; 342/28

4/406; 4/623

63; 342/57; 375/356

8/213; 398/5; 398/95

US 6250601 B1	Advanced touchless p251/129.044/623
US 6512455 B2	System and method for 340/572.1 340/539.1; 340/573.1; 340/573.
US 6492904 B2	Method and system for 340/539.1 340/572.2; 340/572.4
US 5766208 A	Body monitoring and i600/595 600/407; 600/534
US 5573012 A	Body monitoring and i600/595 600/428; 600/534
US 5486833 A	Active signalling system 342/204 342/21; 342/22; 342/83

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US 5793290 A	Area security system 340/573.4	340/539.1; 340/539.12; 340/572
US 5747719 A	Armed terrorist immob89/1.1	340/574
US 5317309 A	Dual mode electronic 340/10.5	235/380; 340/10.34; 340/10.6;
US 6529820 B2	System and method fo701/120	342/36
US 6516569 B2	Door having a door te49/503	292/DIG.65; 49/13; 70/422; 70/
US 6512455 B2	System and method fo840/572.1	340/539.1; 340/573.1; 340/573.
US 6492904 B2	Method and system fo340/539.1	340/572.2; 340/572.4
US 6438447 B1	Article inventory track 700/214	700/227; 700/235
US 6427913 B1	Object control and tra 235/383	235/385
US 6373573 B1	Apparatus for measur356/419	347/19; 356/71
US 6363164 B1	Automated document 382/135	194/206; 209/534
US 6362817 B1	System for creating ar845/419	345/428
US 6281808 B1	Traffic light collision a 340/933	340/916; 340/921; 340/937; 70
US 6199034 B1	Methods and apparatus704/9	715/530
US 6188329 B1	Integrated traffic light 707/104.1	340/933; 701/117; 707/2
US 6140941 A	Open road cashless to840/928	235/384; 340/937; 348/149; 70
US 6057779 A	Method of controlling 340/5.21	340/10.51; 340/5.5; 340/5.73; 3
US 5991749 A	Wireless telephony fo 705/44	705/13; 705/39; 705/40; 705/42
US 5682142 A	Electronic control syst340/572.1	235/385; 340/10.51; 340/439; 3
US 5225990 A	Apparatus and metho 700/226	705/13; 705/5
US 4935885 A	Method and apparatus 702/175	177/199; 235/61T; 701/124; 73
US 4572108 A	Compact, animal-oper119/51.01	119/62
US 4570217 A	Man machine interfac 700/83	
US 4392200 A	Cached multiprocesso711/140	711/141; 713/400
US 4253146 A	Module for coupling co709/226	711/147; 711/150
US 4253144 A	Multi-processor comm709/226	711/147; 711/150
US 4245306 A	Selection of addresse 709/245	709/104; 709/105; 709/233; 71
US 4240143 A	Hierarchical multi-proc710/104	
US 4206462 A	Secure communicatio 342/60	375/130; 380/31; 380/40
US 3900846 A	Computer automated 342/37	342/182; 342/43; 342/455

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.1; 340/693.5

340/5.61; 340/572.4; 340/573.1; 340/825.49; 340/825.69; 340/825.72; 342/386; 455

/DIG.49

3; 340/573.4

1/301

1/117

40/825.49; 342/44

40/539.1; 340/573.1; 340/574; 340/584; 340/825.49; 342/44; 455/88

/65.06

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L Number	Hits	Search Text	DB	Time stamp
1	345486	(enter\$3 or approach\$3 or within or toward) near3 (entrance or gate or area or region)	USPAT; EPO; JPO; DERWENT	2003/05/20 13:17
6	54274	(plurality or more or two) near4 (tag or transponder or transceiver or radio or RF)	USPAT; EPO; JPO; DERWENT	2003/05/20 13:19
11	556	((enter\$3 or approach\$3 or within or toward) near3 (entrance or gate or area or region)) and ((plurality or more or two) near4 (tag or transponder or transceiver or radio or RF)) and (correlat\$3 near5 (information or data))	USPAT; EPO; JPO; DERWENT	2003/05/20 13:19
16	92	((enter\$3 or approach\$3 or within or toward) near3 (entrance or gate or area or region)) and ((plurality or more or two) near4 (tag or transponder or transceiver or radio or RF)) and (correlat\$3 near5 (information or data)) and (impulse or UWB)	USPAT; EPO; JPO; DERWENT	2003/05/20 13:20
21	33	((enter\$3 or approach\$3 or within or toward) near3 (entrance or gate or area or region)) and ((plurality or more or two) near4 (tag or transponder or transceiver or radio or RF)) and (correlat\$3 near5 (information or data)) and (impulse or UWB)) and ultra	USPAT; EPO; JPO; DERWENT	2003/05/20 14:07
26	2	("5361070").PN.	USPAT; EPO; JPO; DERWENT	2003/05/20 14:07

US 6526352 B1	Method and arrangement	701/213	342/357.13; 701/200; 701/208;
US 6300903 B1	System and method for	42/450	342/357.06; 342/457; 342/463
US 5526357 A	Communication system	370/346	340/991; 342/457; 714/821
US 6556621 B1	System for fast lock	375/150	375/256; 375/325; 375/367; 37
US 6544193 B2	Noninvasive measure	600/558	
US 6539213 B1	System and method for	455/226.3	455/522; 455/69
US 6538615 B1	Semi-coaxial horn antenna	343/786	343/773
US 6529568 B1	Method and system for	375/346	370/286
US 6526091 B1	Communication method	375/142	370/209; 375/145; 375/149; 37
US 6512488 B2	Apparatus for establishing	343/795	343/865
US 6512455 B2	System and method for	40/572.1	340/539.1; 340/573.1; 340/573.
US 6504483 B1	System and method for	40/573.3	340/573.1; 340/573.4
US 6501393 B1	System and method for	40/993	340/988; 340/991
US 6492906 B1	System and method using	340/573.4	340/573.1
US 6492904 B2	Method and system for	340/539.1	340/572.2; 340/572.4
US 6489893 B1	System and method for	40/573.4	340/573.1
US 6483461 B1	Apparatus and method	342/463	342/457
US 6469628 B1	System and method for	40/573.3	340/539.1; 340/573.4
US 6466125 B1	System and method using	340/573.4	340/573.1
US 6456608 B1	Adaptive vector correlation	370/335	370/342; 375/150
US 6437756 B1	Single element antenna	343/866	343/741
US 6405132 B1	Accident avoidance system	701/301	701/117; 701/213; 701/45
US 6354946 B1	Impulse radio interaction	463/40	463/42
US 6351652 B1	Mobile communication	455/552.1	455/462; 455/553.1
US 6342810 B1	Predistortion amplifier	330/51	330/124D; 330/124R; 330/129;
US 6297773 B1	System and method for	42/457	342/463
US 6215778 B1	Bearer channel modification	370/335	370/465
US 6212174 B1	Capacity management	370/335	455/452.2; 455/67.11
US 6157619 A	Code division multiple	370/252	370/335; 455/69
US 6133876 A	System and method for	42/375	342/132; 342/457; 342/463
US 6049535 A	Code division multiple	370/335	455/522; 455/69
US 5799010 A	Code division multiple	370/335	370/342; 375/146; 375/149; 37
US 5365516 A	Communication system	370/335	340/991; 342/457; 370/337; 37

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L Number	Hits	Search Text	DB	Time stamp
1	4	((("5526357") or ("5677927")).PN.	USPAT; EPO; JPO; DERWENT	2002/12/16 09:52
6	0	("1 and (entrance or door)).PN.	USPAT; EPO; JPO; DERWENT	2002/12/16 09:52
11	0	((("5526357") or ("5677927")).PN.) and (entran\$2 or door)	USPAT; EPO; JPO; DERWENT	2002/12/16 10:00
16	5699	(detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))	USPAT; EPO; JPO; DERWENT	2002/12/16 10:04
21	2	((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (impulse near3 (radar or transmit\$4 or transceiver))	USPAT; EPO; JPO; DERWENT	2002/12/16 10:07
26	27	((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (tag or RFID or marker) and impulse	USPAT; EPO; JPO; DERWENT	2002/12/16 10:15
31	179	((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (tag or RFID or marker) and locat\$3	USPAT; EPO; JPO; DERWENT	2002/12/16 10:18
36	39	((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (tag or RFID or marker) and locat\$3 and (transceiver or transponder)	USPAT; EPO; JPO; DERWENT	2002/12/16 10:20
41	24	((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (tag or RFID or marker) and locat\$3 and (transceiver or transponder) and (proximity or distance)	USPAT; EPO; JPO; DERWENT	2002/12/16 10:21
46	13	((("5526357") or ("5677927")).PN.) or (((detect\$3 or sens\$3 or monitor\$3 or track\$3) near5 ((enter\$3 or leav\$3 or exit or approach\$3 or position) near3 (entran\$2 or door))) and (tag or RFID or marker) and locat\$3 and (transceiver or transponder)) and (proximity or distance))) and correlat\$3	USPAT; EPO; JPO; DERWENT	2002/12/16 10:21

US 5793290 A	Area security system	340/573.4 340/539; 340/572.1; 340/693.5
US 5673647 A	Cattle management m1	19/51.02 119/842
US 5353011 A	Electronic article secu	340/572.4 340/556; 340/566
US 6453687 B2	Refrigeration monitor	62/127 62/130
US RE37822 E	Automated vehicle pa	701/1 235/378; 235/384; 340/5.5; 340
US 6318289 B1	Cattle management m1	19/51.02 119/502
US 6297739 B1	System and method fo	340/573.3 340/572.1; 340/573.1; 340/686.
US 6236365 B1	Location of a mobile s	342/457 342/450
US 6204765 B1	Method of detecting re	340/572.1 340/10.1; 340/572.2; 340/572.4
US 6135055 A	Cattle management m1	19/51.02 119/511; 119/842
US 6129026 A	Dual mode cargo tran	104/88.01 104/88.02; 104/88.06
US 6072402 A	Secure entry system v	340/5.28 340/7.1; 340/825.69; 379/102.0
US 6032500 A	Kit for retrofitting a do	70/278.1 292/144; 70/107; 70/280
US 6000361 A	Cattle Management m1	19/51.02 119/511; 119/842
US 5959531 A	Optical interface betw	340/572.1 340/531; 340/572.5; 359/173
US 5959526 A	Milking parlor cow ide	340/572.1 119/14.03; 119/14.14; 119/14.1
US 5955950 A	Low noise signal gene	340/572.1 340/572.4
US 5927648 A	Aircraft based sensing	244/118.1 244/118.2; 244/129.1
US 5917433 A	Asset monitoring syst	340/989 340/540; 340/541; 340/577; 34
US 5852944 A	Remotely controlled d	70/278.7 292/144; 70/107; 70/280
US 5815557 A	Homeowner key for a	340/5.64 235/382; 340/5.73; 379/100.05;
US 5737710 A	Automated vehicle pa	701/1 235/378; 235/384; 340/5.5; 340
US 5705991 A	Access control device	340/5.28 340/825.69; 70/337
US 5650703 A	Downward compatible	318/587 180/167; 180/168; 318/586; 90
US 5475364 A	Room occupancy fire	340/522 340/525; 340/567; 340/587; 34
US 5451758 A	Automatic non-compu	235/384 340/928
US 5414624 A	Automated vehicle pa	701/1 235/378; 235/384; 340/932.2; 7
US 5309146 A	Room occupancy indi	340/540 340/567; 340/573.1; 340/628
US 5281901 A	Downward compatible	318/587 180/167; 180/168; 318/586; 70
US 5165465 A	Room control system	165/11.1 165/237; 236/46R; 236/47; 236
US 5164707 A	Detection system for s	340/551 250/221; 340/552; 340/556; 34
US 5059836 A	Differential-time-const	327/557 326/99; 708/301
US 5025486 A	Wireless communicat	340/3.1 340/10.1; 340/3.51; 340/7.1; 34
US 4989261 A	Power supply intercep	455/127 340/7.37; 455/343
US 4984291 A	Coded communication	340/7.39 340/7.21; 340/7.32; 455/343; 4
US 4967108 A	Differential-time-const	327/557 326/101; 708/301
US 4955038 A	Low-power RF receive	375/256 340/10.33; 342/21; 375/316; 45
US 4897662 A	Integrated circuit with	343/701 327/205; 340/636
US 4361202 A	Automated road trans	180/168 104/88.02; 246/167D; 342/71; 7

US 5673647 A	Cattle management m119/51.02 119/842
L26 - US 5353011 A	Electronic article secu340/572.4 340/556; 340/566
US 6318289 B1	Cattle management m119/51.02 119/502
US 6236365 B1	Location of a mobile s342/457 342/450
US 6135055 A	Cattle management m119/51.02 119/511; 119/842
US 6000361 A	Cattle Management m119/51.02 119/511; 119/842
US 5959531 A	Optical interface betw 340/572.1 340/531; 340/572.5; 359/173
US 5955950 A	Low noise signal gene340/572.1 340/572.4
US 5677927 A	Ultrawide-band comm375/130 375/259; 375/367
US 5650703 A	Downward compatible318/587 180/167; 180/168; 318/586; 90
US 5526357 A	Communication syste 370/346 340/991; 342/457; 714/821
US 5281901 A	Downward compatible318/587 180/167; 180/168; 318/586; 70
US 4361202 A	Automated road trans 180/168 104/88.02; 246/167D; 342/71; 7

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L Number	Hits	Search Text	DB	Time stamp
1	25	ultra adj wideband adj impulse	USPAT; EPO; JPO; DERWENT	2002/12/11 10:18
6	17	(ultra adj wideband adj impulse) and (detect\$3 or sens\$3 or monitor\$3)	USPAT; EPO; JPO; DERWENT	2002/12/11 10:38
11	12	((ultra adj wideband adj impulse) and (detect\$3 or sens\$3 or monitor\$3)) and (entrant or entrance or enter\$3 or door or gate)	USPAT; EPO; JPO; DERWENT	2002/12/11 10:42
16	7	(ultra adj wideband adj impulse) and (entrant or entrance or enter\$3 or door)	USPAT; EPO; JPO; DERWENT	2002/12/11 10:42

US 6492906 B1	System and method u340/573.4	Richards, James L. et al.
US 6489893 B1	System and method f840/573.4	Richards, James L. et al.
US 6483461 B1	Apparatus and metho 342/463	Matheney, Jack Thomas et al.
US 6469628 B1	System and method f840/573.3	Richards, James L. et al.
US 6466125 B1	System and method u340/573.4	Richards, James L. et al.
US 6437756 B1	Single element antenr843/866	Schantz, Hans Gregory
US 6351246 B1	Planar ultra wide band343/795	McCorkle, John W.
US 6091354 A	Ground penetrating ra342/22	Beckner, Frederick L. et al.
US 5952954 A	Ground penetrating ra342/22	Beckner, Frederick L.
US 5923299 A	High-power shaped-b 343/773	Brown, Ken et al.
US 5920278 A	Method and apparatu 342/33	Tyler, G. Leonard et al.
US 5912639 A	Ground penetrating ra342/22	Beckner, Frederick L.
US 5804921 A	Soliton quenching NLB33/20	McEwan, Thomas E. et al.
US 5766208 A	Body monitoring and i600/595	McEwan, Thomas E.
US 5754123 A	Hybrid ultrasonic and 340/903	Nashif, Peter Joseph et al.
US 5382788 A	Monolithic photocond250/214.1	Kim, Anderson H. et al.
US 5381151 A	Signal processing for 342/21	Boles, Sol et al.
US 5319218 A	Pulse sharpening usin257/1	Kim, Anderson H. et al.
US 20020061080 A	Method of canceling multiple inte	BRETHOUR, V R et al.
EP 816872 A	Borehole probe with radar antenr	DANIELS, D J
US 5687169 A	Full duplex ultra-wideband impuls	FULLERTON, L W
US 5677927 A	Ultra-wideband impulse radio tim	COWIE, I A et al.
US 5382788 A	Photoconductive ultra-wideband	KIM, A H et al.
US 5381151 A	Signal processing appts for ultra-	BOLES, S et al.
EP 520666 A	Appts. for transmission and recep	SMALL, J G et al.

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US 6091354 A	Ground penetrating ra342/22	342/159
US 5952954 A	Ground penetrating ra342/22	342/140; 342/36; 342/40; 342/4
US 5920278 A ✓	Method and apparatus 342/33	342/176; 342/27
US 5912639 A	Ground penetrating ra342/22	340/435; 340/436; 367/909
US 5754123 A	Hybrid ultrasonic and 340/903	
US 5381151 A	Signal processing for 342/21	
US 6492906 B1	System and method u340/573.4	340/573.1
US 6489893 B1	System and method f840/573.4	340/573.1
US 6483461 B1	Apparatus and metho 342/463	342/457
US 6469628 B1	System and method f840/573.3	340/539; 340/573.4
US 6466125 B1	System and method u340/573.4	340/573.1
US 6437756 B1	Single element antenr343/866	343/741
US 6351246 B1	Planar ultra wide band343/795	343/786; 343/810; 343/816; 34
US 5804921 A	Soliton quenching NLB33/20	307/106; 327/181; 327/335
US 5766208 A ✓	Body monitoring and i600/595	600/407; 600/534
EP 816872 A	Borehole probe with radar antennae for geological surveying to de	
EP 520666A1, B1	Appts. for transmission and reception of radar signals - includes tra	

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US 5754123 A	Hybrid ultrasonic and 340/903	Nashif, Peter Joseph et al.
US 5381151 A	Signal processing for 342/21	Boles, Sol et al.
US 6492906 B1	System and method u340/573.4	Richards, James L. et al.
US 6489893 B1	System and method f840/573.4	Richards, James L. et al.
US 6483461 B1	Apparatus and metho 342/463	Matheney, Jack Thomas et al.
US 6469628 B1	System and method f840/573.3	Richards, James L. et al.
US 6466125 B1	System and method u340/573.4	Richards, James L. et al.

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